

## **Information Disclosure Statement**

Scott R. Pundsack B.A.Sc. (Civil Eng.), LL.B. 416 957 1698 spundsack@bereskinparr.com

Our Reference: 4320-561

Commissioner of Patents P.O. Box 1450 Alexandria, VA U.S.A. 22313-1450

Dear Sir:

Re: United States Patent Application No. 10/790,239

Filed: March 2, 2004

For: IMMERSED MEMBRANE APPARATUS

Applicant: COTE et al.

In accordance with 37 C.F.R. 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits an Information Disclosure Statement including a listing, on PTO Form SB/08A, of all patents and other publications of which the applicant is aware that may be considered material to the patentability of its claimed invention. In accordance with the waiver by the Office of the requirement under 37 CFR 1.98(a)(2)(i) for applications filed after June 30, 2003, this Information Disclosure Statement is filed without copies of the cited U.S. Patents. Further, pursuant to 37 CFR 1.98(d), only copies of references listed over and above the references previously supplied by the Applicants or cited by the Office in Application Serial No. 10/146,934 are enclosed.

This Information Disclosure Statement is filed within 3 months of the filing date or before the first Office Action and no fee is required.

Respectfully submitted,

COTE et al.

Scott R. Pundsa

Registration No. 47,330

/js Encl.

Please send all correspondence to the Toronto office:

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

US-

Sheet

of 4

Complete if Known					
Application Number	10/790,239				
Filing Date	March 2, 2004				
First Named Inventor	COTE				
Group Art Unit	1723				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	4320-561				

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan		
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Gred Document	Passages or Relevant Figures Appear		
		US- 5,192,456	03/09/93	Ishida et al.			
		US- 5,230,796	07/27/93	Ter Meulen			
		US- 5,248,424	09/28/93	Cote et al.			
		US- 5,480,553	01/02/96	Yamamori et al.			
		US- 5,639,373	06/17/97	Manehendran			
		US- 5,783,083	07/21/98	Henshaw et al.			
		US- 5,922,201	07/13/99	Yamamori et al.			
		US- 6,156,200	12/05/00	Zha et al.			
		US- 6,214,231	4/10/01	Cote et al.	•		
		US- 6,325,928	12/4/01	Pedersen et al.			
		US-					
		US-					

		FOREIGN PA	ATENT DOCU	MENTS		
Examiner		Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant	
Initials*	No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Document	Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 62-144712	06/27/87	Nippon Genshiryoku Jigyo		<b>√</b> Abstract
		EP 0931582	07/28/99	Mitsubishi Rayon Co.		
		EP 0598909	01/14/98	Mitsubishi Rayon Co.		
		WO 98/28066	07/02/98	Memtec America Corp.		
		WO 99/29630	06/17/99	Mitsubishi Rayon Co.		1
		JP 07024272	01/27/95	Mitsubishi Rayon Co.		1
		JP 7275665	10/24/95	Mitsubishi Rayon Co.		1
		WO 00/21890	04/20/00	Zenon Environmental Inc.		

	 7	
Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional) . <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of\_ 4

Sheet

Complete if Known				
Application Number	10/790,239			
Filing Date	March 2, 2004			
First Named Inventor	COTE			
Group Art Unit	1723			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	4320-561			

**	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)		Ched Document	Passages or Relevant Figures Appear		
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

		FOREIGN I	PATENT DOCU	IMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		DE 3318412	11-22-1984	Manzel GMBH & Co.		
		English language abstract of JP 04-265128				
		JP 04-265128	09-21-1992	Ebara Res Co. Ltd.		
		English language abstract of JP 07-185270				
		JP 07-185270	07-25-1995	Kurita Water Ind Ltd.		✓ Machine
		JP 07-185271	07-25-1995	Kurita Water Industries Ltd.		Machine
		English language abstract of JP 07-251042				
,		JP 07-251042	10-03-1995	Kubota Corp.		
*		English language abstract of JP 08-187494				
		JP 08-187494	07-23-1996	Kubota Corp.		
		JP 08-323161	12-10-1996	Hitachi Plant Engineering & Construction Co., Ltd.		<b>√</b> Machine
		English language abstract of JP 09-192688				
		JP 09-192688	07-29-1997	Hitachi Chem. Co. Ltd.		✓ Machine

Examiner Signature	Date Considered	
o.g		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	te for form 1449A/PTO			Complete if Known		
INFO	DRMATION D	ISCLOSURE	Application Number	10/790,239		
STATEMENT BY APPLICANT			Filing Date	March 2, 2004		
סות	I CIVICIA I DI	AI I LIOANI	First Named Inventor	COTE		
			Group Art Unit	1723		
	(use as many sheet	ls as necessary)	Examiner Name	Not Yet Assigned		
Sheet	3	of 4	Attorney Docket Number	4320-561	フ	

		FOREIGN PA	<b>ATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>®</sup>
		English Language Abstract of Japanese Patent Publication No. JP7024264,	01/27/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP7289859,	11/7/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP8257372,	10/08/96	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP10244262,	09/14/98	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP11076764,	03/23/99	Mitsubishi Rayon Co.		
	_	English Language Abstract of Japanese Patent Publication No. JP11104466,	04/20/99	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP8019730,	01/23/96	Inax Corp. et al.		
		English Language Abstract of Japanese Patent Publication No. JP7155564,	06/20/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP9215980,	08/19/97	Mitsubishi Rayon Co. et al.		_
		English Language Abstract of Japanese Patent Publication No. JP7178321,	07/18/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No.JP60261509,	12/24/85	Toshiba K.K.		
		English Language Abstract of Japanese Patent Publication No. JP9099222,	04/15/97	Mitsubishi Rayon Co.		- /
		English Language Abstract of Japanese Patent Publication No. JP11165200,	06/22/99	Mitsubishi Rayon Co. et al.		
		English Language Abstract of Japanese Patent Publication No. JP8332483	12/17/96	Inax Corp. et al.		
		English Language Abstract of Japanese Patent Publication No. JP10118470,	05/12/98	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP08024591,	01/30/96	Inax Corp.		
		English Language Abstract of Japanese Patent Publication No. JP2000-288359	10/17/00	Hitachi Plant Eng & Constr Co. Ltd.		
		English Language Abstract of Japanese Patent Publication No. JP07-185271	07/25/95	Kurita Water Ind. Ltd.		
		English Language Abstract of Japanese Patent Publication No. JP08-323161	12/10/96	Hitachi Plant Eng & Constr Co. Ltd.		

Examiner Date Cons	te nsidered
--------------------	----------------

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitut	te for form 1449	A/PTO		Complete if Known		
		0N DIG	OL COURT	Application Number	10/790,239	
			CLOSURE	Filing Date	March 2, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	COTE	
				Group Art Unit	1723	
	(use as mai	ny sheets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	4	of	4	Attorney Docket Number	4320-561	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		SUDA, K. et al. "Development of a tank-submerged type membrane filtration system", June 1998, P. 151-158			
		Technical Drawings of ZW500C RO module; ZENON Environmental Inc; pages 1-3, drawings not published but relate to a module used or sold in the U.S.A. prior to May 17, 2001.			
		,			

	The state of the s		
Examiner		Date	
Signature		Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.